

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

28PH

2834

In re Patent Application of

Atty Dkt. 461-38

KAWAZOE

C# M#

Serial No. 10/021,025

Group Art Unit: 2834

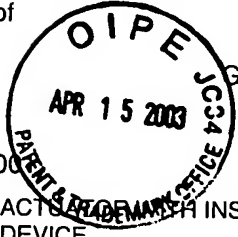
Filed: December 19, 2000

Examiner: Addison, Karen B.

Date: April 15, 2003

Title: PIEZOELECTRIC ACTUATOR WITH INSULATING MEMBER SEPARATE FROM  
PIEZOELECTRIC DEVICE

Assistant Commissioner for Patents  
Washington, DC 20231



Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☒ **Correspondence Address Indication Form Attached.**

**Fees are attached as calculated below:**

Total effective claims after amendment	11	minus highest number		
previously paid for	20	(at least 20) =	0 x \$ 18.00	\$ 0.00

Independent claims after amendment	3	minus highest number		
previously paid for	3	(at least 3) =	0 x \$ 84.00	\$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)	\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months)	\$ 410.00
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Terminal disclaimer enclosed, add \$ 110.00	\$ 0.00
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<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 C.F.R. 1.129(a) (\$750.00)	\$ 0.00
<input type="checkbox"/> Please enter the previously unentered, filed	
<input type="checkbox"/> Submission attached	

**Subtotal \$ 410.00**

If "small entity," then enter half (1/2) of subtotal and subtract	-\$ 0.00
<input type="checkbox"/> Applicant claims "small entity" status. <input type="checkbox"/> Statement filed herewith	

Rule 56 Information Disclosure Statement Filing Fee (\$180.00)	\$ 0.00
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Assignment Recording Fee (\$40.00)	\$ 0.00
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Other:	0.00
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**TOTAL FEE ENCLOSED \$ 410.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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Signature: \_\_\_\_\_

*Updeep S. Gill*

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KAWAZOE

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MEMBER SEPARATE FROM PIEZOELECTRIC DEVICE

\* \* \* \* \*

April 15, 2003

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT**

In response to the Office Action dated November 20, 2002, please amend the above-identified patent application as follows.

**IN THE CLAIMS:**

Please amend claim 1 and add new claims 9-11 as follows. A marked-up version of the amended claims showing the revisions thereto is attached.

1. (*Amended*) A piezoelectric actuator using a laminated piezoelectric device having alternately layered piezoelectric layers and electrode layers comprising:

a metal case provided on the outside of the side surface of the piezoelectric device; and